In the Claims

1 (previously presented). A method for the treatment or amelioration of medication-induced cognitive dysfunction comprising the administration of medications or compositions comprising one or more selective norepinephrine reuptake inhibitors (SNRI) or bupropion to an individual.

2 (original). The method according to claim 1, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

3 (original). The method according to claim 1, wherein said SNRI containing compositions are co-administered with an affecting medication.

4 (previously presented). A method for the treatment or amelioration of perioperative cognitive dysfunction comprising the administration of medications or compositions comprising bupropion or one or more selective norepinephrine reuptake inhibitors (SNRI) before, during, or after a medical procedure to an individual.

5 (currently amended). The method according to claim 4, wherein said perioperative dysfunction is caused by orthopedic interventions, ~~patients with~~ incomplete or heavy pain control, post coronary artery bypass graft, ~~following~~ craniectomy, carotid endarterectomy procedures, or electroconvulsive therapy (ECT).

6 (original). The method according to claim 5, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

7 (original). The method according to claim 4, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

8 (previously presented). A method of treating or ameliorating cognitive dysfunction that is associated with, or arises from, a stressful situation comprising the administration of a composition comprising bupropion or one or more SNRI before or during the stressful situation to an individual.

9 (original). The method according to claim 8, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

10 (withdrawn). A method to optimize cognitive function for individuals comprising the administration of a composition comprising one or more SNRI or bupropion to an individual whose cognitive function, when untreated, is in the normal range.

11 (withdrawn). The method according to claim 10, wherein said individuals are selected from the group consisting of: individuals taking exams, servicemen and officers in the Armed Services during exercises or armed conflict, students, athletes during sporting events, and individuals in various work-settings.

12 (withdrawn). The method according to claim 10, wherein said SNRI composition is administered to the individual as needed, before, or during activities that require optimized cognitive function.

13 (previously presented). The method according to claim 1, wherein a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

14 (previously presented). The method according to claim 4, wherein a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

15 (previously presented). The method according to claim 8, wherein a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

16 (withdrawn). The method according to claim 10, whercin a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

17 (previously presented). The method according to claim 1, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

18 (previously presented). The method according to claim 13, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

19 (previously presented). The method according to claim 4, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

20 (previously presented). The method according to claim 14, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

21 (previously presented). The method according to claim 8, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

22 (previously presented). The method according to claim 15, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

23 (withdrawn). The method according to claim 10, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

24 (previously presented). The method according to claim 16, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

25 (previously presented). The method according to claim 2, wherein said one or more SNRI is atomoxetine.

26 (previously presented). The method according to claim 6, wherein said one or more SNRI is atomoxetine.

27 (previously presented). The method according to claim 7, wherein said one or more SNRI is atomoxetine.

28 (previously presented). The method according to claim 9, wherein said one or more SNRI is atomoxetine.

29 (withdrawn). The method according to claim 11, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

30 (withdrawn). The method according to claim 29, wherein said one or more SNRI is atomoxetine.

31 (previously presented). A method for the treatment or amelioration of medication-induced cognitive dysfunction comprising the administration of medications or compositions comprising one or more selective norepinephrine reuptake inhibitors (SNRI) or bupropion to an individual with medication-induced cognitive dysfunction.

32 (previously presented). The method according to claim 31, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

33 (previously presented). The method according to claim 31, wherein said SNRI containing compositions are co-administered with an affecting medication.

34 (previously presented). A method for the treatment or amelioration of perioperative cognitive dysfunction comprising the administration of medications or compositions comprising bupropion or one or more selective norepinephrine reuptake inhibitors (SNRI) before, during, or after a medical procedure to an individual.

35 (currently amended). The method according to claim 34, wherein said perioperative dysfunction is caused by orthopedic interventions, ~~patients with~~ incomplete or heavy pain control, post coronary artery bypass graft, ~~following~~ craniectomy, carotid endarterectomy procedures, or electroconvulsive therapy (ECT).

36 (previously presented). The method according to claim 35, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

37 (previously presented). The method according to claim 34, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

38 (previously presented). A method of treating or ameliorating cognitive dysfunction that is associated with, or arises from, a stressful situation comprising the administration of a composition comprising bupropion or one or more SNRI before or during the stressful situation to an individual.

39 (previously presented). The method according to claim 38, wherein said one or more SNRI are selected from the group consisting of reboxetine, atomoxetine, oxaprotiline, desiparamine, nisoxetine, ludiomil, and fezolamine.

40 (previously presented). The method according to claim 31, wherein a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

41 (previously presented). The method according to claim 34, wherein a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

42 (previously presented). The method according to claim 38, wherein a medication or composition comprising both bupropion and one or more SNRI are administered to an individual.

43 (previously presented). The method according to claim 31, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

44 (previously presented). The method according to claim 40, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

45 (previously presented). The method according to claim 34, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

46 (previously presented). The method according to claim 41, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

47 (previously presented). The method according to claim 38, wherein the amount of SNRI or bupropion in said medication or composition is varied from day to day.

48 (previously presented). The method according to claim 45, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

49 (previously presented). The method according to claim 46, wherein the amount of SNRI and bupropion in said medication or composition is varied from day to day.

50 (previously presented). The method according to claim 32, wherein said one or more SNRI is atomoxetine.

51 (previously presented). The method according to claim 36, wherein said one or more SNRI is atomoxetine.

52 (previously presented). The method according to claim 37, wherein said one or more SNRI is atomoxetine.

53 (previously presented). The method according to claim 39, wherein said one or more SNRI is atomoxetine.

54 (previously presented). The method according to claim 1, wherein said individual is taking a medication selected from zonisamide, topiramate, sleep medications, anti-inflammatory medications, psoriasis/arthritis medications, anti-depressant medications, alosetron hydrochloride, opiate-based medications, anti-anxiety medications or diazepam.